

DEVELON

Crawler Excavator

DX490LC-7



Engine

Make	Scania
Model	DC13
Number of cylinders	6
Rated power, gross (hp per SAE J1995)	379.5 hp (283.0 kW) @ 1800 rpm
Rated power, net (hp per SAE J1349)	379.5 hp (283.0 kW) @ 1800 rpm
Max. torque, gross (SAE J1995)	1374.0 ft.-lb. (1863.0 Nm) @ 900-1500 rpm
Displacement	775.0 in. ³ (12.7 L)
Bore and stroke	5.1" x 6.3" (130 mm x 160 mm)
Starter	24 V, 8.0 hp (6.0 kW)
Battery	2 x 12 V, 200 AH
Alternator	28 V, 100 A
Air cleaner	Three-stage

Hydraulics

Main pumps	2 x 103.0 gpm (2 x 390.0 L/min.)
Pilot pump (gear design)	6.3 gpm (24.0 L/min.)

Working Pressure

Boom/arm/bucket (normal mode)	4980.0 psi (330.0 kg/cm ²)
Boom/arm/bucket (power boost)	5262.0 psi (370.0 kg/cm ²)
Travel	4694.0 psi (330.0 kg/cm ²)
Swing	4267.0 psi (300.0 kg/cm ²)
Pilot	586.0 psi (40.8 kg/cm ²)

Undercarriage

Upper rollers (each track)	3
Lower rollers (each track)	9
Number of shoes (links per side)	53

Swing Mechanism

Swing speed	0 - 9.2 rpm
Swing torque	145600.4 lbf.-ft. (20130.0 kgf-m)

Drive System

Travel speed [low - high]	1.9 - 3.4 mph (3.1 - 5.5 km/h)
Traction force, max. (drawbar pull)	100750.2 lbf. (45700.0 kgf)
Max. grade (limited by engine lub)	70% (35°)

Environment

Sound level (2000/14/EC)	106 dB(A)
Cabin sound level (ISO 6396)	72 dB(A)

Refill Capacities

Fuel tank	162.7 gal. (616.0 L)
DEF tank	16.6 gal. (63.0 L)
Cooling system (radiator capacity)	13.9 gal. (53.5 L)
Engine oil (with filter)	11.9 gal. (45.0 L)
Swing drive	2 x 1.3 gal. (2 x 5.0 L)
Final drive (each side)	2.4 gal. (9.0 L)
Hydraulic system	145.3 gal. (550.0 L)
Hydraulic tank	70.0 gal. (265.0 L)

All capacities are approximate values. Always refer to the machine's OM for exact refill levels. Check the dipstick, level eye, level plug, etc., to achieve the correct level.

Hydraulic Cylinders

Boom ¹ (2) bore x rod diameter x stroke	6.7" x 4.5" x 65.0" (170 mm x 115 mm x 1650 mm)
Arm ^{1,2} (1) bore x rod diameter x stroke	7.5" x 5.1" x 78.0" (190 mm x 130 mm x 1980 mm)
Bucket ¹ (1) bore x rod diameter x stroke	6.7" x 4.5" x 52.8" (170 mm x 115 mm x 1341 mm)

¹ Cushion on rod end

² Cushion on base end

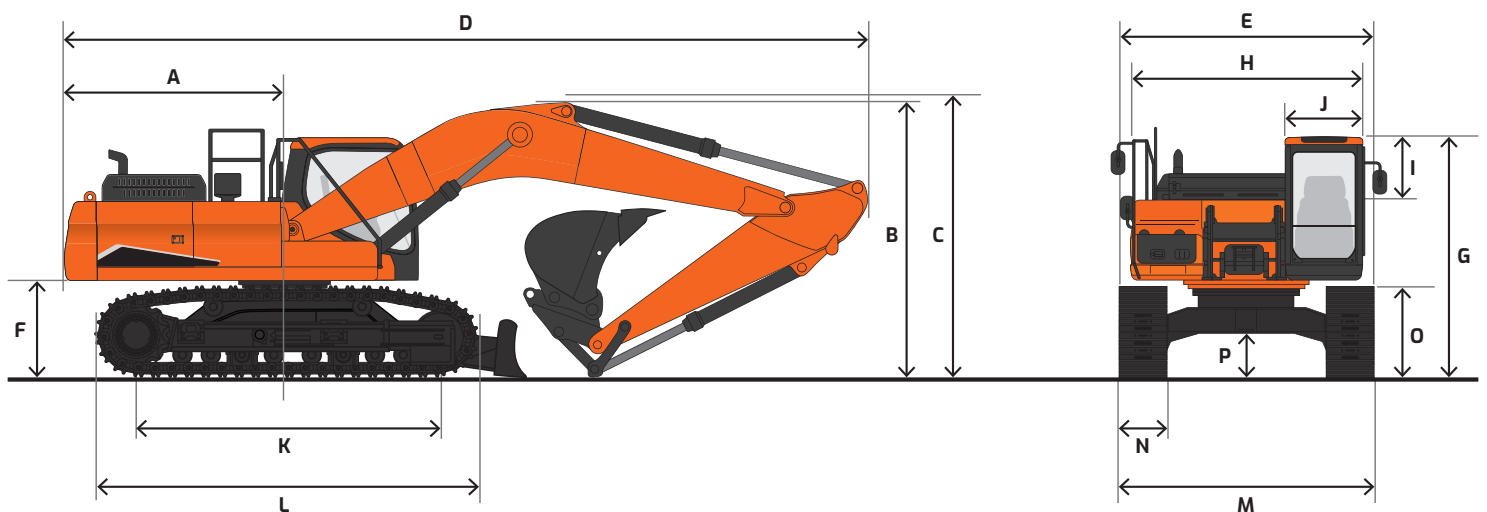
The piston rods and cylinder bodies are made of high-strength steel. A shock-absorbing mechanism is fitted in all cylinders to ensure shock-free operation and extended piston life.

NOTE: Where applicable, dimensions are in accordance with Society of Automotive Engineers (SAE) and ISO standards. Specifications and design are subject to change without notice. All dimensions are given for DEVELON excavators equipped with standard tracks and the standard front as listed. Pictures of DEVELON excavators may show other than standard equipment. All dimensions are shown in inches. Respective metric dimensions are enclosed by parentheses. Rounding may impact specifications. DEVELON equipment is manufactured with a Quality Management System that is in compliance with ISO 9001:2008.

Dimensions

		Standard Arm 35.4" (900 mm) TG Shoe (US20)	Standard Arm 35.4" (900 mm) TG Shoe (US25)	Long Arm 35.4" (900 mm) TG Shoe (US30)
Boom length		23' 3.5" (7100 mm)		
Arm length		10' 11.9" (3350 mm)		13' 0.7" (3980 mm)
Bucket size (SAE)		2.80 yd ³ (2.14 m ³)		2.35 yd ³ (1.80 m ³)
Tail swing radius	A	12' 5.6" (3800 mm)		
Shipping height (boom)	B	11' 9.0" (3580 mm)		12' 6.2" (3815 mm)
Shipping height (hose)	C	12' 1.9" (3705 mm)		12' 10.0" (3910 mm)
Shipping length	D	40' 1.5" (12230 mm)	40' 3.5" (12280 mm)	40' 4.5" (12310 mm)
Shipping width	retracted	E	12' 5.2" (3790 mm)	11' 11.7" (3650 mm)
	extended		13' 9.3" (4200 mm)	-
Counterweight clearance*	F	4' 8.0" (1420 mm)	4' 2.4" (1280 mm)	4' 8.0" (1420 mm)
Cabin height	G	11' 0.3" (3360 mm)	10' 6.0" (3200 mm)	10' 11.9" (3350 mm)
Upper structure width	without catwalks	H	9' 10.0" (2990 mm)	
	with catwalks		10' 9.8" (3296 mm)	
Cabin height above house	I	2' 9.7" (855 mm)	2' 9.5" (853 mm)	2' 9.7" (855 mm)
Cabin width	J	3' 3.8" (1010 mm)		
Tumbler distance	K	14' 8.1" (4475 mm)		
Overall track length	L	17' 11.7" (5480 mm)		
Undercarriage width	retracted	M	12' 5.2" (3790 mm)	11' 11.3" (3640 mm)
	extended		13' 9.4" (4200 mm)	-
Track shoe width	N	35.4" (900 mm)		
Track height*	O	3' 10.5" (1180 mm)	3' 6.1" (1070 mm)	3' 10.5" (1180 mm)
Car body clearance*	P	2' 4.5" (725 mm)		

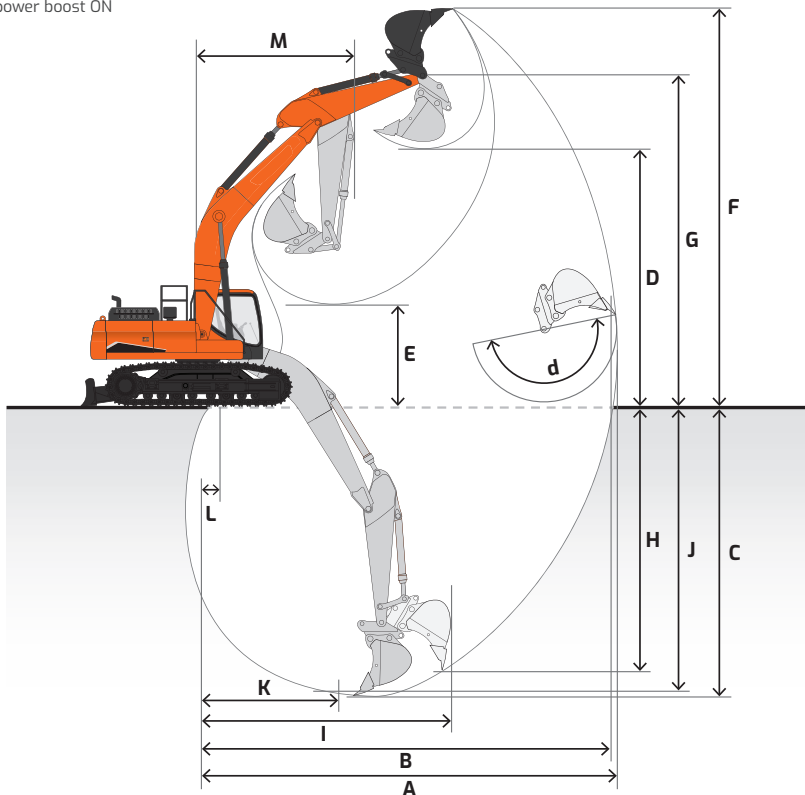
*Without shoe grouser



Working Range

		Standard Arm 35.4" (900 mm) TG Shoe (US20)	Standard Arm 35.4" (900 mm) TG Shoe (US25)	Long Arm 35.4" (900 mm) TG Shoe (US30)
Boom length		23' 3.5" (7100 mm)		
Arm length		10' 11.9" (3350 mm)		13' 0.7" (3980 mm)
Bucket size (SAE)		2.80 yd ³ (2.14 m ³)		
Counterweight		24471 lb. (11100 kg)		
Track type		Retractable	Fixed	Retractable
Max. digging reach	A	39' 9.4" (12125 mm)		41' 6.7" (12668 mm)
Max. digging reach (ground)	B	38' 11.1" (11865 mm)	39' 0.3" (11895 mm)	40' 10.4" (12456 mm)
Max. digging depth	C	25' 6.7" (7790 mm)	26' 0.6" (7940 mm)	27' 7.3" (8415 mm)
Max. loading height	D	25' 9.6" (7865 mm)	25' 3.7" (7715 mm)	26' 4.2" (8032 mm)
Min. loading height	E	10' 3.2" (3130 mm)	9' 9.3" (2980 mm)	8' 5.4" (2575 mm)
Max. digging height	F	36' 3.0" (11050 mm)	35' 9.1" (10900 mm)	36' 9.7" (11219 mm)
Max. bucket pin height	G	31' 9.5" (9690 mm)	31' 3.5" (9540 mm)	32' 4.0" (9856 mm)
Max. vertical wall depth	H	14' 4.0" (4370 mm)	14' 10.0" (4520 mm)	16' 2.1" (4930 mm)
Max. radius vertical	I	32' 8.5" (9970 mm)		33' 7.0" (10235 mm)
Max. depth to 8' line	J	25' 0.6" (7635 mm)	25' 6.5" (7785 mm)	27' 1.4" (8278 mm)
Min. radius to 8' line	K	12' 9.3" (3895 mm)		12' 9.7" (3893 mm)
Min. digging reach	L	2' 9.1" (840 mm)	3' 5.5" (1055 mm)	0' 1.9" (50 mm)
Min. swing radius	M	17' 1.1" (5210 mm)		17' 0.1" (4882 mm)
Bucket angle (DEG)	d	189.1°		180.9°
Digging force, bucket*	ISO	67901.7 lbf. (30800 kgf)		
Digging force, arm*		50044.4 lbf. (22700 kgf)		37478.2 lbf. (20300 kgf)
Operating weight		121678 lb. (55192 kg)	115961 lb. (52599 kg)	120681 lb. (54740 kg)
Ground pressure		9.0 psi (0.62 kg/cm ²)	8.7 psi (0.60 kg/cm ²)	9.0 psi (0.62 kg/cm ²)

*With power boost ON















Lifting Capacity

 Rating over front  Rating over side or 360°

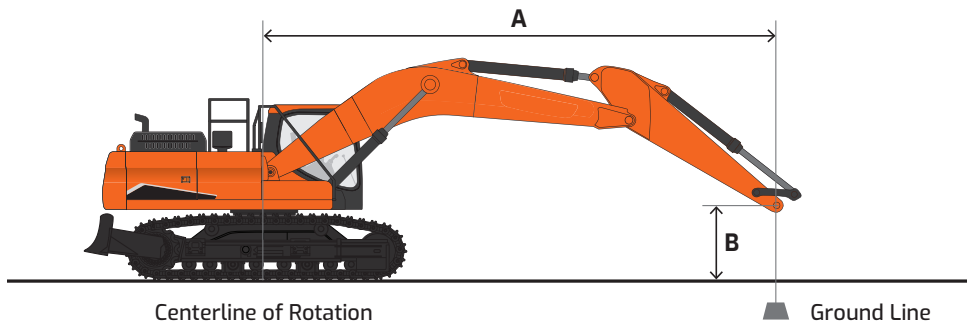
DX490LC-7 US20

Boom: 23' 3.5" (7100 mm) | Arm: 10' 11.9" (3350 mm) | Removable Counterweight: 24471 lb. (11100 kg) | 35.4" (900 mm) TG Shoes | Bucket: None | Unit: lb. (kg)

A (ft. or m) B (ft. or m)	10' (3.0 m)		15' (4.5 m)		20' (6.0 m)		25' (7.5 m)		30' (9.0 m)		Max. Reach		
													A
30' (9.0 m)							* 24150 (* 10620)	* 24150 (* 10620)			* 18740 (* 8370)	* 18740 (* 8370)	25.97' (7.81 m)
25' (7.5 m)							* 24160 (* 10920)	* 24160 (* 10920)			* 17780 (* 8090)	* 17780 (* 8090)	29.4' (8.87 m)
20' (6.0 m)							* 25790 (* 11600)	* 25790 (* 11600)	* 24000 (* 10850)	21670 (8810)	* 17520 (* 7950)	* 17520 (* 7950)	31.7' (9.61 m)
15' (4.5 m)			* 45500 (* 20120)	* 45500 (* 20120)	* 33940 (* 15160)	* 33940 (* 15160)	* 28310 (* 12720)	27910 (11370)	* 25150 (* 11350)	21170 (8600)	* 17770 (* 8040)	17610 (7160)	33.12' (10.06 m)
10' (3.0 m)			* 47520 (* 23290)	* 47520 (* 23290)	* 38940 (* 17450)	* 36820 (* 14900)	* 31060 (* 13970)	26800 (10870)	* 26600 (* 12000)	20570 (8330)	* 18500 (* 8340)	16810 (6790)	33.74' (10.28 m)
5' (1.5 m)			* 37470 (* 16870)	* 37470 (* 16870)	* 42580 (* 19190)	* 35250 (* 14180)	* 33330 (* 15030)	25850 (10440)	* 27840 (* 12580)	20030 (8090)	* 19780 (* 8900)	16630 (6680)	33.63' (10.26 m)
Ground Level			* 47080 (* 20730)	* 47080 (* 20730)	* 44130 (* 19990)	* 34390 (* 13770)	* 34560 (* 15650)	25230 (10150)	* 28420 (* 12890)	19660 (7910)	* 21860 (* 9800)	17060 (6830)	32.78' (10.03 m)
-5' (-1.5 m)	* 37920 (* 16320)	* 37920 (* 16320)	* 57320 (* 26160)	* 57320 (* 26160)	* 43540 (* 19820)	34120 (13620)	* 34340 (* 15620)	24970 (10010)	* 27740 (* 12650)	19550 (7850)	* 25240 (* 11250)	18290 (7280)	31.12' (9.55 m)
-10' (-3.0 m)	* 58130 (* 25370)	* 58130 (* 25370)	* 52410 (* 24050)	* 52410 (* 24050)	* 40690 (* 18640)	34320 (* 13690)	* 32090 (* 14720)	25110 (10060)			* 25940 (* 11760)	20760 (8210)	28.5' (8.79 m)
-15' (-4.5 m)	* 56450 (* 26290)	* 56450 (* 26290)	* 44170 (* 20510)	* 44170 (* 20510)	* 34590 (* 16070)	* 34590 (* 16070)	* 25590 (* 12090)	* 25590 (* 12090)			* 25460 (* 11600)	* 25460 (* 11600)	24.64' (7.65 m)
-20' (-6.0 m)			* 31420 (* 14280)	* 31420 (* 14280)							* 22790 (* 10360)	* 22790 (* 10360)	19.49' (5.94 m)

A Distance from center of rotation
B Height

NOTE: Lifting capacities are in compliance with SAE 1097 and ISO 10567. Machine in lifting mode with power boost turned on. Load point is the end of the arm. Rated loads shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities. Rated loads marked with an asterisk (*) are limited by hydraulic capacities. The least stable position is over the side. The total mass of machine includes the mass of the boom, arm, counterweight, all operating fluids and 165 lb. (75 kg) operator.















Lifting Capacity

 Rating over front  Rating over side or 360°

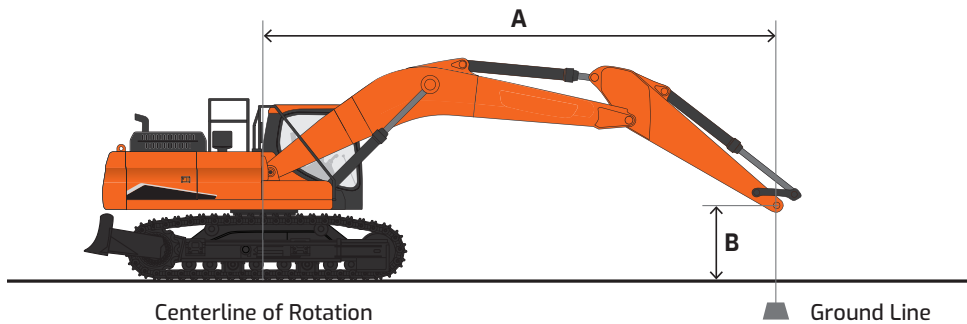
DX490LC-7 US25

Boom: 23' 3.5" (7100 mm) | Arm: 10' 11.9" (3350 mm) | Removable Counterweight: 24471 lb. (11100 kg) | 35.4° (900 mm) TG Shoes | Bucket: None | Unit: lb. (kg)

A (ft. or m) B (ft. or m)	10' (3.0 m)		15' (4.5 m)		20' (6.0 m)		25' (7.5 m)		30' (9.0 m)		Max. Reach		
													A
30' (9.0 m)							* 23420 (* 10790)	* 23420 (* 10790)			* 18450 (* 8730)	* 18450 (* 8730)	25.62' (7.79 m)
25' (7.5 m)							* 24060 (* 11100)	* 24060 (* 11100)			* 17840 (* 8250)	* 17840 (* 8250)	29.11' (8.87 m)
20' (6.0 m)							* 25580 (* 11790)	* 25580 (* 11790)	* 23920 (* 11040)	19430 (8460)	* 17520 (* 8110)	17340 (7560)	31.52' (9.61 m)
15' (4.5 m)		* 44360 (* 20330)	* 44360 (* 20330)	* 33410 (* 15350)	* 33410 (* 15350)	* 28040 (* 12910)	25060 (10890)	* 25010 (* 11530)	18960 (8250)	* 17720 (* 8200)	15790 (6880)	15790 (6880)	33.01' (10.06 m)
10' (3.0 m)		* 51350 (* 23120)	49200 (21220)	* 38470 (* 17660)	32860 (14220)	* 30790 (* 14160)	23970 (10400)	* 26450 (* 12190)	18370 (7990)	* 18400 (* 8500)	14980 (6530)	14980 (6530)	33.71' (10.28 m)
5' (1.5 m)		* 37190 (* 16710)	* 37190 (* 16710)	* 42310 (* 19400)	31260 (13510)	* 33140 (* 15230)	23010 (9980)	* 27740 (* 12770)	17830 (7750)	* 19620 (* 9060)	14730 (6420)	14730 (6420)	33.68' (10.26 m)
Ground Level		* 45690 (* 20570)	* 45690 (* 20570)	* 44070 (* 20200)	30350 (13110)	* 34490 (* 15840)	22370 (9690)	* 28410 (* 12660)	17440 (7580)	* 21610 (* 9960)	15050 (6550)	15050 (6550)	32.9' (10.3 m)
-5' (-1.5 m)	* 35990 (* 16170)	* 35990 (* 16170)	* 57680 (* 26390)	46110 (19850)	* 43700 (* 20030)	30040 (12970)	* 34440 (* 15820)	22080 (9560)	* 27900 (* 12590)	17310 (7520)	* 24810 (* 11410)	16050 (6980)	31.33' (9.55 m)
-10' (-3.0 m)	* 55930 (* 25210)	* 55930 (* 25210)	* 53030 (* 24270)	* 46600 (* 20060)	* 41100 (* 18850)	30190 (13040)	* 32440 (* 14910)	22170 (9600)		* 25930 (* 11950)	18090 (7870)	18090 (7870)	28.83' (8.78 m)
-15' (-4.5 m)	* 57970 (* 26520)	* 57970 (* 26520)	* 45210 (* 20720)	* 45210 (* 20720)	* 35420 (* 16270)	30830 (13320)	* 26660 (* 12280)	22810 (9890)		* 25580 (* 11790)	22270 (9660)	22270 (9660)	25.1' (7.65 m)
-20' (-6.0 m)			* 31490 (* 14480)	* 31490 (* 14480)						* 22840 (* 10550)	* 22840 (* 10550)	* 22840 (* 10550)	19.48' (5.94 m)

A Distance from center of rotation
B Height

NOTE: Lifting capacities are in compliance with SAE 1097 and ISO 10567. Machine in lifting mode with power boost turned on. Load point is the end of the arm. Rated loads shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities. Rated loads marked with an asterisk (*) are limited by hydraulic capacities. The least stable position is over the side. The total mass of machine includes the mass of the boom, arm, counterweight, all operating fluids and 165 lb. (75 kg) operator.



















Lifting Capacity

 Rating over front  Rating over side or 360°

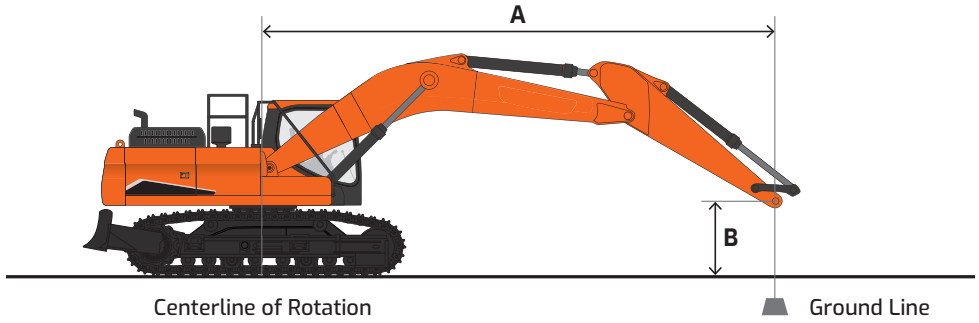
DX490LC-7 U530

Boom: 23' 3.5" (7100 mm) | Arm: 13' 0.7" (3980 mm) | Removable Counterweight: 24471 lb. (11100 kg) | 35.4" (900 mm) TG Shoes | Bucket: None | Unit: lb. (kg)

A (ft. or m) B (ft. or m)	5' (1.5 m)		10' (3.0 m)		15' (4.5 m)		20' (6.0 m)		25' (7.5 m)		30' (9.0 m)		35' (10.5 m)		Max. Reach		
																	A
30' (9.0 m)														* 16030 (* 7270)	* 16030 (* 7270)	25.62' (7.79 m)	
25' (7.5 m)										* 22080 (* 10020)	* 22080 (* 10020)			* 15360 (* 6970)	* 15360 (* 6970)	29.11' (8.87 m)	
20' (6.0 m)									* 24270 (11010)	* 24270 (11010)	* 22760 (* 10330)	* 22760 (* 10330)		* 15190 (* 6890)	* 15190 (* 6890)	31.52' (9.61 m)	
15' (4.5 m)					* 31760 (* 14410)	* 31760 (* 14410)	* 26980 (* 12240)	* 26980 (* 12240)	* 24180 (* 10970)	* 24180 (* 10970)	* 18410 (* 8350)	* 18410 (* 8350)	* 15430 (* 7000)	* 15430 (* 7000)	* 15430 (* 7000)	* 15430 (* 7000)	33.01' (10.06 m)
10' (3.0 m)			* 51770 (* 23480)	* 51770 (* 23480)	* 37140 (* 16840)	* 37140 (* 16840)	* 29990 (* 13600)	* 29990 (* 13600)	* 25870 (* 11740)	24860 (11280)	* 22760 (* 10320)	19770 (8970)	* 16040 (* 7270)	* 16040 (* 7270)	* 16040 (* 7270)	33.71' (10.28 m)	
5' (1.5 m)			* 48970 (* 22210)	* 48970 (* 22210)	* 41500 (* 18820)	* 41500 (* 18820)	* 32650 (* 14810)	31330 (14210)	* 27430 (* 12440)	24220 (10990)	* 23990 (* 10880)	19440 (8820)	* 17090 (* 7750)	* 17090 (* 7750)	* 17090 (* 7750)	33.68' (10.26 m)	
Ground Level			* 50780 (* 23040)	* 50780 (* 23040)	* 43940 (* 19930)	41910 (19010)	* 34400 (* 15600)	30550 (13860)	* 28440 (* 12900)	23740 (10770)	* 20430 (* 9270)	19220 (8720)	* 18750 (* 8510)	* 18750 (* 8510)	* 18750 (* 8510)	32.9' (10.3 m)	
-5' (-1.5 m)	* 28960 (* 13140)	* 28960 (* 13140)	* 36980 (* 16770)	* 36980 (* 16770)	* 59400 (* 26950)	* 59400 (* 26950)	* 44280 (* 20090)	41390 (18770)	* 34840 (* 15800)	30130 (13670)	* 28460 (* 12910)	23500 (10660)	* 21380 (* 9700)	20250 (9190)	* 21380 (* 9700)	31.33' (9.55 m)	
-10' (-3.0 m)	* 42010 (* 19060)	* 42010 (* 19060)	* 52520 (* 23820)	* 52520 (* 23820)	* 55670 (* 25250)	* 55670 (* 25250)	* 42460 (* 19260)	41390 (18780)	* 33550 (* 15220)	30090 (13650)	* 26690 (* 12110)	23580 (10690)	* 25100 (* 11380)	22530 (10220)	* 25100 (* 11380)	28.83' (8.78 m)	
-15' (-4.5 m)			* 65610 (* 29760)	* 65610 (* 29760)	* 48920 (* 22190)	* 48920 (* 22190)	* 37910 (* 17190)	* 37910 (* 17190)	* 29480 (* 13370)	* 29480 (* 13370)			* 25240 (* 11450)	* 25240 (* 11450)	* 25240 (* 11450)	25.1' (7.65 m)	
-20' (-6.0 m)					* 37310 (* 16920)	* 37310 (* 16920)	* 28350 (* 12860)	* 28350 (* 12860)					* 24040 (* 10910)	* 24040 (* 10910)	* 24040 (* 10910)	19.48' (5.94 m)	

A Distance from center of rotation
B Height

NOTE: Lifting capacities are in compliance with SAE 1097 and ISO 10567. Machine in lifting mode with power boost turned on. Load point is the end of the arm. Rated loads shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities. Rated loads marked with an asterisk (*) are limited by hydraulic capacities. The least stable position is over the side. The total mass of machine includes the mass of the boom, arm, counterweight, all operating fluids and 165 lb. (75 kg) operator.



Standard & Optional Equipment

■ Standard ● Optional

Engine

Emissions (EPA), T4f	■
High-pressure common-rail (HPCR)	■
Variable geometry (VGT)	■
Cooled exhaust gas recirculation (CEGR)	■
Exhaust brake	■
Diesel oxidation catalyst (DOC)	■
Selective catalytic reduction (SCR)	■
Diesel exhaust fluid (DEF)	■
Fuel filter with water separator	■
Coolant expansion tank	■
Dual element dry-type air filter with evacuator	■
Precleaner	■
Electronic engine control (ECU)	■
Auto idle	■
Auto shutdown (time-adjustable)	■
Overheat & low oil pressure engine protection	■
Block heater (110 V)	■
Water separator with heater	■
Fuel filler pump	●

Hydraulic

Mechanics Design	■
Bent axis piston main pump (tandem)	■
Cross-sensing pump control	■
Pilot-operated control valves	■
Gear pilot pump	■
D-ECOPOWER [®] system	■
Smart Power Control (SPC)	■
Variable-speed hydraulic cooling fan	■
Axial piston swing motor	■
Spring-applied hydraulic release brake	■
Axial piston travel motor (high/low, auto)	■
Auxiliary hydraulics, one- & two-way piping	■
Auxiliary hydraulics, tilt/rotate piping	●
Adjustable auxiliary flow & pressure, 10 presets	■
Intelligent floating boom	●
Boom & arm lock valves	●

Controls

Joystick controls	■
Pattern control change valve (SAE, ISO)	■
Joystick attachment control, switches/buttons - Right (one-way, two-way, power boost) - Left (tilt/rotate, horn, one-touch decel)	■
Foot pedal attachment control	■
Control stands - Height adjustable - Sliding (fore/aft) - Tilting armrests	■
Engine speed control dial	■
Travel pedals with hand levers	■
Straight travel pedal	●
Switches, console-mounted - Starter button switch - Travel speed selector - Work light - Auxiliary mode switch	■
Emergency stop switch	■
Power modes (P+, P, S, E)	■
Work modes (digging, lifting, breaker, shear)	■
Smart Power Control (SPC)	■
Jog dial display control	■
Wiper control panel	■
Audio control panel	■

Cabin

Steel, all-weather & sound-suppressed	■
ROPS (ISO 12117-2:2008)	■
Viscous mount with spring reinforcement	■
Front window with wiper/washer	■
Tinted safety glass	■
Skylight top hatch with sun screen	■
Front window with sun screen	■
Pull-up type top front window	■
Removable lower front window with storage behind seat	■
Wiper, lower window	■
Adjustable sliding side door window	■
Defrost, front window	■
Lockable doors	■
Seat - Heated - Air-suspension - 2" (51 mm) seat belt - Adjustable height & recline - Adjustable fore/aft - Adjustable armrests	■
Leatherette seat - Heating & cooling - Air-suspension - 2" (51 mm) seat belt - Adjustable height & recline - Adjustable fore/aft - Adjustable armrests	●
Control stands - Height adjustable - Mounted to seat base	■
Storage for operator's manuals	■
Mirrors	■
Fully automatic HVAC with radiant energy photo sensor	■
8" multi-function LCD interactive display monitor	■
Cigarette lighter	■
Digital Bluetooth [®] & MP3 radio with cell phone integration	■
Speakers (2)	■
Antenna, roof-mounted	■
Emergency breakout tool	■
Hot/cold beverage compartment	■
Power socket, 12 V & 24 V	■
Cup holder	■
Interior light	■
Coat hanger	■
Rain shield	●
FOG guard	●
Front window guard	●

Electrical

System voltage – 24 V	■
Alternator – 28 V, 100 A	■
2 x 12 V batteries, 200 AH reserve capacity, 1300 CCA	■
Blade-type fuse panel	■
Main circuit breaker	■
Lights, work (halogen): machine (2), boom (2)	■
Lights, work (LED): machine (2), boom (2)	●
Lights, work (halogen): cabin (2)	●
Lights, work (halogen): 4 cab top, front (2), rear (2)	●
Rotating beacon	■
Overload warning alarm	●
Hour meter	■
Engine restart prevention system	■
Rearview camera	■
Side view camera, right side	●
Around view camera	●
Microphone & speaker	●
Ultrasonic sensor	●
Laptop service port	■
Self-diagnostics system	■
Smart Key (remote ignition key)	■
MY DEVELON (telematics)	■

Display Monitor & Warnings

Indicators - Power modes - Work modes - User/Service menu	■
Gauges - Fuel level - DEF level - Engine coolant temperature - Hydraulic oil temperature - Engine rpm - Battery voltage - Hydraulic pump pressure - ECO - Digital clock - Trip meter - Hour meter - Fuel consumption	■
Warning & indicator lights - Seat belt - Error code - SCR warning - Check engine - Engine oil pressure - Engine pre-heat engaged - Radiator coolant level & temperature - Air filter - Fuel level - DEF level – low - Water in fuel - Battery charge - Work lights on - Hydraulic oil temperature - Hydraulic charge pressure - Hydraulic pilot filter - Hydraulic return filter	■
Swing alarm	■
Travel alarm	■
Buzzer - Engine oil pressure - Coolant temperature	■

Undercarriage

Fixed track width	●
Variable track width	■
Track guards & chains with adjusters	■
Track rollers, upper	3
Track rollers, lower	9
In-shoe motor protection	■
Shoes, double grouser – 600 mm	●
Shoes, triple grouser – 600 mm	●
Shoes, triple grouser – 750 mm	●
Shoes, triple grouser – 800 mm	●
Shoes, triple grouser – 900 mm	■

Frame

Counterweight, fixed	●
Counterweight, retractable	■
Catwalks	■

Other

Centralized lubrication - Boom - Arm - Swing	■
Handrails & service platforms	■
Skid-resistant steps & service platforms	■
Manuals - Operation & Maintenance - AEM Safety Manual	■
MY DEVELON 3-year subscription (telematics)	■
Vandalism protection - Lockable panels - Lockable fluid fill points - Anti-theft protection (password)	■
Vandalism window cover mount	●
Air compressor	●

Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual DEVELON equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of DEVELON units may show other than standard equipment.

Powered by Innovation

DEVELON

A brand of HD Hyundai Infracore.

na.develon-ce.com/dx490lc-7

DX490LC-7 Crawler Excavator Spec Sheet
Printed in the U.S.A.
23906_004_D092724

©2024 HD Hyundai Infracore. All rights reserved.